SAMSUNG ELECTRONICS LED Lamp

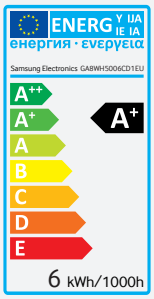
GA8WH5006CD1EU

Performer Range

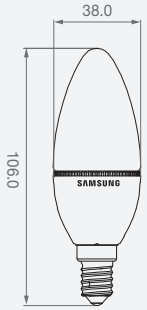
Candle / 5.5W / E14 / 180° / 2700K

Product

Model name	GA8WH5006CD1EU
Maker	Samsung Electronics
Bar Code	8806086273121
Voltage	AC 220~240V
Equivalent to	40W
Power Consumption	5.5W
Lamp Socket holder	E14



Dimensional drawing (unit : mm)



Customer Benefits

- 40W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 86% energy saving compared to traditional lamps
- More than 40,000 hours average operating life (40 times longer than incandescent lamps)
- Contains no mercury or hazardous materials (RoHS Compliant) / • Emits no UV
- Compatible with an extensive range of dimmers(*please see recommended dimmer list)

Application

Residential areas, Hotels, Restaurants, Historical buildings, Chandeliers
(suitable for decorative lighting)

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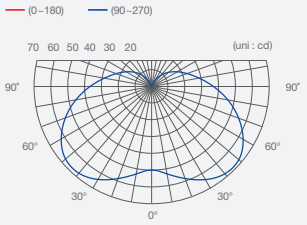
Specifications

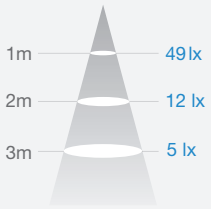
Model name	GA8WH5006CD1EU
Nominal luminous flux (lm)	470
Rated luminous flux (lm)	470
Lamp efficacy (lm/W)	85
Frequency (Hz)	50/60
Input current (mA)	35
Nominal power consumption (W)	5.5
Rated power consumption (W)	5.5
Power factor	0.6
Lumen Maintenance Factor	L70
Warm-up time (60%)	Instant Full Light
Starting time (s)	0.3
On/Off cycles	50,000
Nominal beam angle (°)	180
Rated beam angle (°)	180
Operating temperature (°C)	-20~+40
Nominal lamp life time (hrs)	40,000
Rated lamp life time (hrs)	40,000
Color description	Warm White
Color temperature (K)	2700
CRI (Ra)	80
Dimmable	Yes
Diameter (mm)	Φ38.0
Overall length (mm)	106.0
Weight (g)	75
Energy efficiency index	A+
Energy consumption (kWh/1000h)	6
Certification	CE, CB, SIRIM

※Specifications are subject to change without notice.

Lighting Data



Light Distribution



Illuminance (lx)

Packaging Details

- Single Box (1pc) : 54mm×54mm×132mm / 101g
- Middle Box (10pc/box) : 285mm×115mm×138mm / 1,130g
- Outer Carton (40pc/box) : 296mm×248mm×300mm / 5,050g

Dimmer Compatibility

Dimmer						Dimming Level @ 1 lamp (flux%)		Dimming Performance @ Multi-Lamps				
No	Manufacturer	Models	Power	Input	Frequency	Max	Min	1 Lamp	2 Lamp	3 Lamp	4 Lamp	5 Lamp
1	LEGRAND	773617	40-300W	230V	50Hz	97%	40%	Working	Working	Working	Working	Working
2	SCHNEIDER	PEK-4	60-600W	230V	50Hz	90%	9%	Good	Working	Working	Working	Working
3	BERKER	2873	20~500W	230~240V	50Hz	89%	6%	Good	Good	Good	Good	Good
4	PEHA	434	60~400W	230V	50/60Hz	83%	12%	Working	Working	Working	Working	Working
5	JUNG	266GDE	60~600W	230~240V	50Hz	90%	14%	Good	Working	Working	Working	Working
6	NIKO	310-01X00	60~300W	230V	50Hz	99%	32%	Good	Working	Working	Working	Working
7	JUNG	225NVDE	20~500W	230~240V	50Hz	89%	12%	Good	Good	Good	Good	Good
8	SCHNEIDER	WDE002313	20-630W	230V	50Hz	100%	16%	Good	Working	Working	Working	Working
9	BUSCH-JAEGER	6560U-101	25~500W	230V	50/60Hz	86%	7%	Good	Good	Good	Good	Good
10	BUSCH-JAEGER	2247U	500W	230V	50Hz	90%	9%	Good	Working	Working	Working	Working
11	ELKO	400GLI	40~400W	230V	50Hz	90%	9%	Good	Good	Good	Good	Good

Note 1. Dimming Performance : Good(Dimming Coverage without flicker : 75%↑), Working(41~74%), Poor(40%↓), N/C(Not Compatible)
2. This result can only be used as reference. The result may vary according to actual field conditions.

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